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Attorney Docket No. 00015-041US1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Gordon N. Gill

Application No.: 10/552,298

Filed: June 12, 2006

For: PHOSPHATASE REGULATION OF  
NUCLEIC ACID TRANSCRIPTION

) **MAIL STOP AF**

) Group Art Unit: 1652

) Examiner: Sheridan Swope

) Confirmation No.: 6198

) Certificate of Electronic Deposit

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) By: /Joseph R. Baker, Jr./  
) Joseph R. Baker, Jr.

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Response is being submitted in response to the Final Office Action dated April 21, 2009. Applicants request entry of the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.